

What is claimed is:

1. 1. A method of preparing information usable in theft detection using radio frequency identification ("RFID") technology, comprising steps of:
 3. reading, from an RFID tag affixed to each of one or more presented items, identifying information for that item; and
 5. storing the identifying information for each item on a receipt reflecting the presented items.
1. 2. The method according to Claim 1, wherein the identifying information is stored on the receipt as an enumerated list if more than one item is presented.
1. 3. The method according to Claim 1, wherein the storing step stores the identifying information in an RFID tag affixed to the receipt.
1. 4. The method according to Claim 1, wherein the identifying information is a stock-keeping unit identifier.
1. 5. The method according to Claim 1, wherein the identifying information is an Electronic Product Code.
1. 6. A method of detecting potential theft using radio frequency identification ("RFID") technology, comprising steps of:

scanning a receipt for identifying information reflecting one or more items that were presented for purchase;

searching, in an RFID tag affixed to each or one or more items possessed by a shopper who also possesses the receipt, to locate corresponding identifying information for each possessed item; and

concluding that selected ones of the items possessed by the shopper were not paid for if the identifying information located for the selected items is not detected by the scanning step.

7. The method according to Claim 6, wherein the scanning step comprises reading an RFID tag affixed to the receipt.

8. The method according to Claim 6, wherein the identifying information on the receipt was previously created by reading, from an RFID tag affixed to each of one or more presented items, identifying information for that item and storing the identifying information for each presented item on the receipt.

9. The method according to Claim 6, wherein the concluding step does not conclude that selected ones of the possessed items were not paid for if those selected ones were in the shopper's possession when the shopper entered an establishment in which a transaction represented by the receipt was conducted.

10. The method according to Claim 6, further comprising the step of remembering each item

2 that was in the shopper's possession when the shopper entered an establishment in which a
3 transaction represented by the receipt was conducted, and wherein the searching and concluding
4 steps do not apply to the remembered items.

1 11. A system for preparing information usable in theft detection using radio frequency
2 identification ("RFID") technology, comprising:

3 means for reading, from an RFID tag affixed to each of one or more presented items,
4 identifying information for that item; and

5 means for storing the identifying information for each item on a receipt reflecting the
6 presented items.

1 12. The system according to Claim 11, wherein the identifying information is stored on the
2 receipt as an enumerated list if more than one item is presented.

1 13. The system according to Claim 11, wherein the means for storing stores the identifying
2 information in an RFID tag affixed to the receipt.

1 14. The system according to Claim 11, wherein the identifying information is a stock-keeping
2 unit identifier.

1 15. The system according to Claim 11, wherein the identifying information is an Electronic
2 Product Code.

1 16. A system for detecting potential theft using radio frequency identification ("RFID")
2 technology, comprising:

3 means for scanning a receipt for identifying information reflecting one or more items that
4 were presented for purchase;

5 means for searching, in an RFID tag affixed to each or one or more items possessed by a
6 shopper who also possesses the receipt, to locate corresponding identifying information for each
7 possessed item; and

8 means for concluding that selected ones of the items possessed by the shopper were not
9 paid for if the identifying information located for the selected items is not detected by the means
10 for scanning.

1 17. The system according to Claim 16, wherein the means for scanning comprises reading an
2 RFID tag affixed to the receipt.

1 18. The system according to Claim 16, wherein the identifying information on the receipt was
2 previously created by reading, from an RFID tag affixed to each of one or more presented items,
3 identifying information for that item and storing the identifying information for each presented
4 item on the receipt.

1 19. The system according to Claim 16, wherein the means for concluding does not conclude
2 that selected ones of the possessed items were not paid for if those selected ones were in the

3 shopper's possession when the shopper entered an establishment in which a transaction
4 represented by the receipt was conducted.

1 20. The system according to Claim 16, further comprising means for remembering each item
2 that was in the shopper's possession when the shopper entered an establishment in which a
3 transaction represented by the receipt was conducted, and wherein the means for searching and
4 means for concluding do not apply to the remembered items.

1 21. A computer program product for preparing information usable in theft detection using
2 radio frequency identification ("RFID") technology, the computer program product embodied on
3 one or more computer-readable media and comprising:

4 computer-readable program code means for reading, from an RFID tag affixed to each of
5 one or more presented items, identifying information for that item; and

6 computer-readable program code means for storing the identifying information for each
7 item on a receipt reflecting the presented items.

1 22. The computer program product according to Claim 21, wherein the identifying
2 information is stored on the receipt as an enumerated list if more than one item is presented.

1 23. The computer program product according to Claim 21, wherein the computer-readable
2 program code means for storing stores the identifying information in an RFID tag affixed to the
3 receipt.

1 24. The computer program product according to Claim 21, wherein the identifying
2 information is a stock-keeping unit identifier.

1 25. The computer program product according to Claim 21, wherein the identifying
2 information is an Electronic Product Code.

1 26. A computer program product for detecting potential theft using radio frequency
2 identification ("RFID") technology, the computer program product embodied on one or more
3 computer-readable media and comprising:

4 computer-readable program code means for scanning a receipt for identifying information
5 reflecting one or more items that were presented for purchase;

6 computer-readable program code means for searching, in an RFID tag affixed to each or
7 one or more items possessed by a shopper who also possesses the receipt, to locate corresponding
8 identifying information for each possessed item; and

9 computer-readable program code means for concluding that selected ones of the items
10 possessed by the shopper were not paid for if the identifying information located for the selected
11 items is not detected by the computer-readable program code means for scanning.

1 27. The computer program product according to Claim 26, wherein the computer-readable
2 program code means for scanning comprises reading an RFID tag affixed to the receipt.

1 28. The computer program product according to Claim 26, wherein the identifying
2 information on the receipt was previously created by reading, from an RFID tag affixed to each of
3 one or more presented items, identifying information for that item and storing the identifying
4 information for each presented item on the receipt.

1 29. The computer program product according to Claim 26, wherein the computer-readable
2 program code means for concluding does not conclude that selected ones of the possessed items
3 were not paid for if those selected ones were in the shopper's possession when the shopper
4 entered an establishment in which a transaction represented by the receipt was conducted.

1 30. The computer program product according to Claim 26, further comprising computer-
2 readable program code means for remembering each item that was in the shopper's possession
3 when the shopper entered an establishment in which a transaction represented by the receipt was
4 conducted, and wherein the computer-readable program code means for searching and the
5 computer-readable program code means for concluding do not apply to the remembered items.

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